

Thu Jan 27 11:30:48 2000

us-09-386-591-50.ra1

GENERAL INFORMATION:
APPLICANT: LAYTON, ELIZABETH
TITLE OF INVENTION: 3D FETTERED Compounds
NUMBER OF SEQUENCES: 6
CORRESPONDENT ADDRESS:
ADDRESS: 700 Swindell Road
STREET: 700 Swindell Road
CITY: KIDDER, MISSOURI
STATE: MO
COUNTRY: USA
ZIP: 64089-0049
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
SOFTWARE: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ 1.0 Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE: 18 APR 1997
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 9607944.4
FILING DATE: 18 APR 1996
ATTORNEY/AGENT INFORMATION:
NAME: GIMMEL, EDWARD F.
REGISTRATION NUMBER: 48,891
REFERENCE TO SEQUENCE INFORMATION:
TELEPHONE: 610-270-1478
TELEFAX: 610-270-6200
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 97 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLGY: linear
MOLECULE TYPE: protein
US-09-386-591-50-4

Query Match 44.4% Score 48; DB 1; Length 97;
Post Local Similarity 44.4%; Pred. No. 0.45; 4; Indels 0;
Matches 3; Conserved 1; Mismatches 4;
US-09-386-591-50-4

RESULT 4
US-09-386-591-50-4
Sequence 18; Application US/09/62454
Patent No. 664129
GENERAL INFORMATION:
APPLICANT: FISH, EDWARD N.
TITLE OF INVENTION: INTERFERON PROTEIN PEPTIDES
NUMBER OF SEQUENCES: 17
CORRESPONDENT ADDRESS:
ADDRESS: 1000 N. 10th St. Murray & Oran
STREET: 1000 N. 10th St. Murray & Oran
CITY: Washington
STATE: DC
COUNTRY: U.S.A.
ZIP: 20004-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
SOFTWARE: IBM compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/602,454
FILING DATE: 30 JAN 1995

CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/909,739
FILING DATE: 07-JUL-1992
APPLICATION NUMBER: US 07/940,525
FILING DATE: 20-NOV-1992
APPLICATION NUMBER: PC/5653/00279
FILING DATE: 08-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: KILTS, MORICA CHIN
REGISTRATION NUMBER: 36,105
REFERENCE TO SEQUENCE INFORMATION:
TELEPHONE: (202) 638-6000
TELEFAX: (202) 638-4810
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 amino acids
TYPE: amino acid
TOPOLGY: unknown
MOLECULE TYPE: protein
US-09-386-591-50-13

Query Match 33.8% Score 46; DB 1; Length 165;
Post Local Similarity 53.3%; Pred. No. 1.4; 4; Indels 0;
Matches 8; Conserved 3; Mismatches 4;
US-09-386-591-50-13

RE-CLT 4
US-08-702,344-28
Sequence 28; Application US/08702344
Patent No. 5723315
GENERAL INFORMATION:
APPLICANT: JACOBS, KENNETH
APPLICANT: MCCOY, JOHN
APPLICANT: LAVALLIO, EDWARD
APPLICANT: RACILE, LISA
APPLICANT: MCBERTY, DAVID
APPLICANT: TROOY, MAURICE
TITLE OF INVENTION: SECRETED PROTEINS AND POLYPEPTIDES
TITLE OF INVENTION: ENCODING THEM
NUMBER OF SEQUENCES: 37
CORRESPONDENT ADDRESS:
ADDRESS: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,344
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BROWN, SCOTT A.
REGISTRATION NUMBER: 32,724
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 319 amino acids

TYPE: amino acid
STRANDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-702-344-78

Query Match 33.1% Score 45; DB 1; Length 319;
Best Local Similarity 58.3% Prod No. 4.5
Matches 7; Conservative 3; Mismatches 2; Gaps 0
CY 3 CILNMDRSPK 15
DB 164 CILNMDRSPK 183

RESULT 5
US-08-026-758-12
Sequence 3; Application 05/06/95/08
Patent No. 5780021
GENERAL INFORMATION:
APPLICANT: SOBELL, DOUGLAS O.
TITLE OF INVENTION: A METHOD FOR TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES USING ALPHA INTERFERON AND/ OR BETA INTERFERON
NUMBER OF SEQUENCES: 26
CURRENT APPLICATION DATA:
CORRESPONDENCE ADDRESS:
ADDRESS: 321 N. STANF. UNIVERSITY WATER, HIGHTSTADT,
ADDRESS: P.O.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/06/95/08
FILING DATE: 19930305
CLASSIFICATION: 421
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 578021man F.
REGISTRATION NUMBER: 24,518
REFERENCE/AGENT NUMBER: 111- 004-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 189 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
FEATURE:
NAME KEY: F1
LOCATION: 24,189
OTHER INFORMATION: /note- "IFN-alpha-1"
US-08-026-758-12

Query Match 33.1% Score 45; DB 1; Length 189;
Best Local Similarity 58.3% Prod No. 4.5
Matches 7; Conservative 3; Mismatches 2; Gaps 0

CY 4 CILNMDRSPK 15
DB 52 CILNMDRSPK 63

RESULT 6

US-08-026-758-12
Sequence 3; Application 05/06/95/08
Patent No. 5780021

GENERAL INFORMATION:
APPLICANT: SOBELL, DOUGLAS O.
TITLE OF INVENTION: A METHOD FOR TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES USING ALPHA INTERFERON AND/ OR BETA INTERFERON
NUMBER OF SEQUENCES: 26
CURRENT APPLICATION DATA:
CORRESPONDENCE ADDRESS:
ADDRESS: 321 N. STANF. UNIVERSITY WATER, HIGHTSTADT,
ADDRESS: P.O.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/06/95/08
FILING DATE: 19930305
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 578021man F.
REGISTRATION NUMBER: 24,518
REFERENCE/AGENT NUMBER: 111- 004-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 189 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 24,189
OTHER INFORMATION: /note- "IFN-alpha-D"
US-08-026-758-12

Query Match 33.1% Score 45; DB 1; Length 189;
Best Local Similarity 58.3% Prod No. 4.5
Matches 7; Conservative 3; Mismatches 2; Gaps 0
CY 4 CILNMDRSPK 15
DB 52 CILNMDRSPK 63

US-08-026-758-12
Sequence 3; Application 05/06/95/08
Patent No. 5780021
GENERAL INFORMATION:
APPLICANT: SOBELL, DOUGLAS O.
TITLE OF INVENTION: A METHOD FOR TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES USING ALPHA INTERFERON AND/ OR BETA INTERFERON
NUMBER OF SEQUENCES: 26
CURRENT APPLICATION DATA:
CORRESPONDENCE ADDRESS:
ADDRESS: 321 N. STANF. UNIVERSITY WATER, HIGHTSTADT,
ADDRESS: P.O.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:

RESULT 7

Db 49 LPSCKXKXHDFFQ 63

RESULT 10

US-08-026-758-5

Sequence 5 Application 08/08/92/05

Patent No. 5780021

GENERAL INFORMATION:

APPLICANT: SOBEL, EUGENAS O.

TITLE OF INVENTION: A METHOD FOR TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES USING ALPHA-INTERFERON AND/OR BETA-INTERFERON

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: ORION, SPIVAK, MCLELLAND, MAIER & NEUSTADT,

ADDRESSER: P.O.

STREET: 1755 S. Jefferson Davis Highway, Suite 400

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 08/08/92/05

FILING DATE: 1993/05

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Orion, No. 5780021map F

REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 01/07/93-006-0

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 413-3000

TELEFAX: (703) 413-2220

TELEX: 248855 OPAT JR

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 189 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: protein

FEATURE:

NAME/KEY: Protein

LOCATION: 24,189

OTHER INFORMATION

US-08-026-758-5

Query Match

Best Local Similarity: 53.3%

Matches: 8, Conservatively: 2, Mismatches: 5, Indels: 0, Gaps: 0

QY 1 LDGILLQDPFGFRK 15

Db 49 LPSCKXKXHDFFQ 63

RESULT 11

US-08-026-758-5

Sequence 26 Application 08/08/92/05

Patent No. 5837485

GENERAL INFORMATION:

APPLICANT: ENLIAN, KARL-DIETER

APPLICANT: SCHWELL, WOLFGANG

APPLICANT: AUGUSTIN, JOHANNES

APPLICANT: ENGELKE, GERHART

APPLICANT: ROSENSTEIN, RALF

APPLICANT: KALETZ, CORINA

APPLICANT: KUPKE, THOMAS

APPLICANT: LONG, GUNTHER

APPLICANT: KELLNER, ROLAND

TITLE OF INVENTION: Biosynthetic Process for the Preparation of

TITLE OF INVENTION: Chemical Compounds

NUMBER OF SEQUENCES: 42

CORRESPONDENCE ADDRESS:

ADDRESSEE: Stern, Kessler, Goldstein & Fox

ADDRESSER: 1100 New York Avenue, NW

STREET: 1100 New York Avenue, NW

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 08/08/92/05

FILING DATE: 1993/05

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 08/08/92/05

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 371-2600

TELEFAX: (202) 371-2540

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 990 amino acids

TYPE: amino acid

TOPOLOGY: linear

US-08-026-758-5

Query Match

Best Local Similarity: 30.9%

Matches: 10, Conservatively: 4, Mismatches: 8, Indels: 4, Gaps: 1

QY 1 LDGILLQDPFGFRK 15

Db 49 LPSCKXKXHDFFQ 63

RESULT 12

US-08-026-758-5

Sequence 26 Application 08/08/92/05

Patent No. 5837485

GENERAL INFORMATION:

APPLICANT: ENLIAN, KARL-DIETER

APPLICANT: SCHWELL, WOLFGANG

APPLICANT: AUGUSTIN, JOHANNES

APPLICANT: ENGELKE, GERHART

APPLICANT: ROSENSTEIN, RALF

APPLICANT: KALETZ, CORINA

APPLICANT: KUPKE, THOMAS

APPLICANT: LONG, GUNTHER

APPLICANT: KELLNER, ROLAND

TITLE OF INVENTION: Biosynthetic Process for the Preparation of

TITLE OF INVENTION: Chemical Compounds

NUMBER OF SEQUENCES: 42

CORRESPONDENCE ADDRESS:

ADDRESSEE: Stern, Kessler, Goldstein & Fox

ADDRESSER: 1100 New York Avenue, NW

STREET: 1100 New York Avenue, NW

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 08/08/92/05

FILING DATE: 1993/05

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 08/08/92/05

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 371-2600

TELEFAX: (202) 371-2540

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 990 amino acids

TYPE: amino acid

TOPOLOGY: linear

US-08-026-758-5

Query Match

Best Local Similarity: 30.9%

Matches: 10, Conservatively: 4, Mismatches: 8, Indels: 4, Gaps: 1

QY 1 LDGILLQDPFGFRK 15

Db 49 LPSCKXKXHDFFQ 63

CITY: Washington
 STATE: DC
 COUNTRY: U.S.A.
 ZIP: 20006
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPILER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 02/004566, 061A
 FILING DATE: 06 JUN 1995
 CLASSIFICATION: 455
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 09/094,625
 FILING DATE: 22 FEB 1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08 01/876, 791
 FILING DATE: 30 APR 1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 02 07/794, 274
 FILING DATE: 31 OCT 1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Esmond, Robert W.
 REGISTRATION NUMBER: 42,894
 REFERENCE KEY NUMBER: 0652, 0000004
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 471-2600
 TELEFAX: (202) 471-2640
 INFORMATION FOR SEQ ID NO: 201:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 900 amino acids
 TYPE: amino acid
 FEATURE: 1
 US 09-026-758-1

Query Match: 60.98% Score 42; DB 2; Length 900;
 Post Local Similarity: 63.98% Pred. No. 60;
 Matches: 102 Conserved: 30 43 Mismatches: 80 Indels: 4 Gaps: 1;
 US 09-026-758-1

RESULT 14
 US 09-026-758-1
 Sequence 1, Application US/09026758
 Patent No. 5780021
 APPLICANT: SOBEL, DOUGLAS O.
 TITLE OF INVENTION: A METHOD FOR TREATING AUTOIMMUNE
 TITLE OF INVENTION: DISEASES USING ALPHA-INTERFERON AND/OR BETA-INTERFERON
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
 ADDRESS: P.O.
 STREET: 1765 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPILER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 02/004566, 758
 FILING DATE: 1996/06/05
 CLASSIFICATION: 424
 TELECOMMUNICATION INFORMATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
 ADDRESS: P.O.
 STREET: 1765 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPILER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 02/004566, 758
 FILING DATE: 1996/06/05
 CLASSIFICATION: 424
 TELECOMMUNICATION INFORMATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
 ADDRESS: P.O.
 STREET: 1765 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202

NAME: OBLON, No. 5780021man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 1126-096-0
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220
 TELEX: 218855 OPAT UR
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 189 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: Protein
 LOCATION: 24..189
 OTHER INFORMATION: /note= "11N-alpha consensus"
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 55
 OTHER INFORMATION: /note= "The one-letter code at position
 OTHER INFORMATION: 55 appears to be a typographical error in table 1 of the
 OTHER INFORMATION: specification."
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 124
 OTHER INFORMATION: /note= "The one-letter code at position
 OTHER INFORMATION: 124 appears to be a typographical error in table 1 of the
 OTHER INFORMATION: specification."
 US 09-026-758-1

Query Match: 30.18% Score 41; DB 1; Length 189;
 Post Local Similarity: 58.38% Pred. No. 12;
 Matches: 7; Conservative: 2; Mismatches: 4; Indels: 6; Gaps: 0;

US 09-026-758-1
 DB 52 CLEXXHDPPO 53

RESULT 14
 US 09-026-758-1
 Sequence 7, Application US/08026758
 Patent No. 5780021
 APPLICANT: SOBEL, DOUGLAS O.
 TITLE OF INVENTION: A METHOD FOR TREATING AUTOIMMUNE
 TITLE OF INVENTION: DISEASES USING ALPHA-INTERFERON AND/OR BETA-INTERFERON
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
 ADDRESS: P.O.
 STREET: 1765 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPILER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 02/004566, 758
 FILING DATE: 1996/06/05
 CLASSIFICATION: 424
 TELECOMMUNICATION INFORMATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
 ADDRESS: P.O.
 STREET: 1765 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPILER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 02/004566, 758
 FILING DATE: 1996/06/05
 CLASSIFICATION: 424
 TELECOMMUNICATION INFORMATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
 ADDRESS: P.O.
 STREET: 1765 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202

TELEFAX: (703) 413-2220
 TELE: 248855 OPAT 0F
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 189 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: Protein
 FEATURE:
 NAME/KEY: Protein
 LOCATION: 24..189
 OTHER INFORMATION: /note="IFN-alpha-2b"
 US-08-026-758-7

Query Match 30.1% Score 41; DB 1; Length 189;
 Best Local Similarity 58.3%; Freq. NO. 12;
 Match 7; Conservative 2; Mismatches 3; Indels 0; Caps 0;
 07 4 CILLDMDFGPK 15
 111111
 DB 52 CLKXHDFFPO 63

RESULT 15
 US-08-026-758-11
 Sequence 11 Application US/06026758
 Patent No 5780021

GENERAL INFORMATION:
 APPLICANT: SOBEL, DOUGLAS O.
 TITLE OF INVENTION: A METHOD FOR TREATING AUTOIMMUNE
 DISEASES USING ALPHA-INTERFERON AND/OR BETA-INTERFERON
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESS: ORION SPILAK, MCLELLAND, MAIER & NEUSTADT,
 ADDRESS: P.O.
 STREET: 1755 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202

COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 05/030305
 FILING DATE: 19930305
 CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5780021man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/SECRET NUMBER: 1126-096-0
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220

TELE: 248855 OPAT 0F
 TELEFAX: (703) 413-2220
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 189 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: Protein
 FEATURE:

NAME/KEY: Protein
 LOCATION: 24..189
 OTHER INFORMATION: /note="IFN-alpha-2b"
 US-08-026-758-11

Query Match 30.1% Score 41; DB 1; Length 189;
 Best Local Similarity 58.3%; Freq. NO. 12;

Search completed: January 22, 2000, 03:49:48
 Job time: 52 sec
 Match 7; Conservative 2; Mismatches 3; Indels 0; Caps 0;
 07 4 CILLDMDFGPK 15
 111111
 DB 52 CLKXHDFFPO 63

Thu Jan 27 11:30:48 2000

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